



Engineering Institute LANL • UCSD

Extended Deadlines!!

The 16th Los Alamos Dynamics Summer School

June 8th-August 7th, 2015
Los Alamos National Laboratory

Purpose: To focus a select group of upper-level undergraduate students and first year graduate students on the multi-disciplinary field of cyber-physical dynamic systems.

Focus areas: Students will learn about research in cyber-physical systems through tutorials and guest lectures, tours, and research projects.

1. **Tutorials and Guest Lectures:** Weekly tutorials and lectures with world class experts on various aspects of cyber-physical systems (signal processing, dynamic systems, system identification, embedded systems, model validation, nonlinear systems, and machine learning).
2. **Projects:** 3 person multi-disciplinary teams conduct research projects in an intense 9 week time frame. The goal is for the students to document and present their results at a professional conference. The 2014 Summer School students will present their research results at IMAC XXXIII.
3. **Fellowship amounts** range from \$7000 to \$10,500, depending on academic status and the point of origin for the student's travel to Los Alamos.
4. This program is limited to US citizens.

How to Apply:

Students should send an email with the following documents to ladss@lanl.gov:

1. Resume
2. 1-page cover letter describing their interest in this summer school and multi-disciplinary cyber-physical dynamic systems research as well as your near term (1-3 year) academic and professional goals
3. Official transcripts (a copy is fine for application purposes, but the original will be needed prior to the start of the summer school)
4. At least one letter of recommendation

Applications must be received by Dec. 19, 2014.
Acceptance notifications will be sent by Jan. 9, 2014.

Additional information can be found at <http://ladss.lanl.gov>
Questions? Please contact ladss@lanl.gov, Chuck Farrar at farrar@lanl.gov or
David Mascarenas dmascarenas@lanl.gov

